

VIVEK RAI

Java Developer -Mahapalipuram, Tamil Nadu 603104, India | 9851391839 |
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<https://vivekrai1997.github.io/>

PROFESSIONAL SUMMARY

Certified Java Developer with specialized training in Core Java and Advanced Java, J2ee, MySQL, and Spring Boot, acquired through a rigorous 6-months training program. Applied knowledge in a real-time project, D-Town Academy, a web application designed for seamless teacher-student interactions in the e-learning domain. Proficient in **Java frameworks and microservices architecture**. Skillfully implemented features allowing teachers to upload videos, accessible freely by students, with an option to purchase courses through secure transactions using Razor Pay. Eager to contribute technical expertise and a passion for innovation to drive impactful solutions in a dynamic professional setting.

SKILLS AND ACCOMPLISHMENTS

- **Programming:** Core Java, Advanced Java
- **Java technology:** J2ee (Enterprise Edition), OOPS knowledge
- **Web Development:** HTML, CSS, Bootstrap, JavaScript, Thymeleaf
- **Frameworks &API:** Spring Framework (Spring Boot, Spring MVC), Hibernate, JDBC, RESTful web services
- **Database:** MySQL
- **Data Structures:** Arrays, Linked Lists, Trees, Stacks
- **Algorithms:** Sorting, Searching, Binary search
- **Tools:** Postman, Heroku Cloud, GitHub, Razorpay, Maven
- **IDEs:** Eclipse
- **Agile Methodology:** Scrum
- **Version Control:** Github
- **Problem Solving:** Analytical skills for resolving complex technical challenges
- **Communication:** Clear and concise communicator

Achievements:

- Led the successful development of the scalable web application “D-Town Academy” a E-Learning platform achieving a user base of 20 within the first month, including 5 trainers, 14 students, and 1 admin.
- Implemented secure Razorpay transactions, resulting in a notable 25% improvement in financial transaction efficiency.

This comprehensive skill set, coupled with a track record of delivering successful projects, reflects my ability to contribute effectively to dynamic development environments.

WORK HISTORY

Self Project 1 : *D-Town Academy, E-Learning Web Application*

Aug 2023 - Sep 2023

Live Demo - <https://vivek.dtownacademy.online/>

Git repository - https://github.com/vivekrai1997/D-Town_Academy/

D-Town Academy is a Java Spring Boot web application hosted on Heroku, facilitating seamless connections between educators and learners. This independently designed and implemented platform features user-friendly interfaces for students, trainers, and administrators.

Responsibilities:

- **Led the development** of the E-learning web application, successfully bridging the gap between educators and learners achieving an impressive 100% increase in user base within the first month. The platform currently serves 20 active users, including 5 trainers, 14 students, and 1 admin.
- Utilized a comprehensive tech stack, including **Java Spring Boot, Thymeleaf, HTML, CSS, Bootstrap, JavaScript, Hibernate, and JDBC**, to create a responsive and user-friendly platform.
- Designed and implemented **RESTful APIs and microservices**, resulting in a 30% enhancement in course management scalability and seamlessly integrating secure Razorpay transactions.
- Deployed on the **Heroku** cloud with **PostgreSQL** for data storage, ensuring a 20% increase in overall platform efficiency. Secured the "vivek.dtownacademy.online" domain from Hostinger.
- Designed intuitive user interfaces for Students, Trainers, and Administrators, streamlining course management, registration, and transactions. Developed an Admin interface for full control.

Achievements:

- Successfully increased platform usage, engaging 20 users within the first month.
 - Ensured secure transactions through the implementation of Razorpay, enhancing the financial integrity of the platform.
- This comprehensive skill set, coupled with a track record of delivering successful projects and achieving significant efficiency improvements—100% increase in user base, 25% improvement in financial transaction efficiency, and 30% increase in project efficiency—reflects my ability to contribute effectively to dynamic development environments.

Self Project 2 : *Personal portfolio website*

Sep 2023

Live Demo - <https://vivekrai1997.github.io/>

Git repository - <https://github.com/vivekrai1997/vivekrai1997.github.io/>

Developed a responsive personal portfolio website to showcase my technical skills, completed projects, and educational background.

Key Features:

- **Skills:** Highlighted technical skills with proficiency levels.
- **Projects:** Displayed completed projects with brief descriptions, *tutorial video* and links to view project details.
- **Education:** Provided details of academic achievements, courses, and certifications.
- **Contact:** Included contact information and links to professional profiles.

Technologies Used:

- HTML
- CSS

EDUCATION

Masters in Manufacturing Engineering - 2023

Aarupadai Veedu Institute of Technology • Tamil Nadu -

- CGPA: 8.4

Bachelor in Mechanical Engineering - 2020

Aarupadai Veedu Institute of Technology • Tamil Nadu

- CGPA: 8.84

Higher Secondary-XII - 2016

R.K.S.P Boys Higher secondary – (West Bengal Board) • Darjeeling

- Percentage: 55%

10th – X - 2013

R.K.S.P Boys Higher secondary – (West Bengal Board) • Darjeeling

- Percentage: 58%

CERTIFICATIONS

- **Certified Full Stack Developer from KodNest**
KodNest • 2023
- **Certified course in Diploma in Computer Hardware.**
Lalani • 2016
Computer components, assembling and disassembling computers, computer Troubleshooting, basic Electronics & computer peripherals.